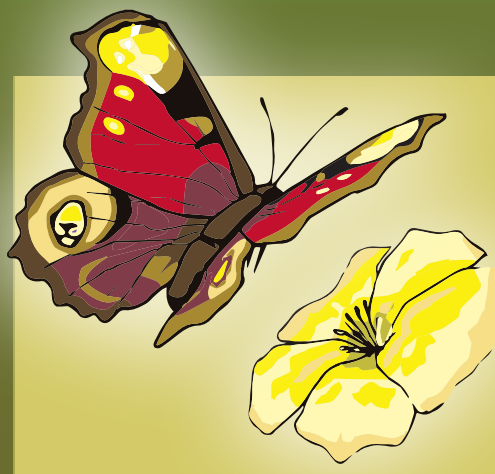


Problem



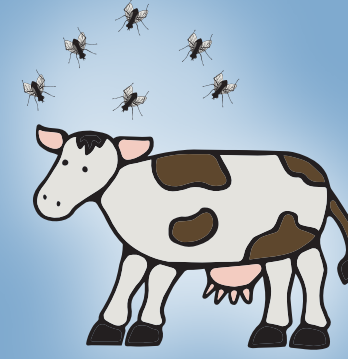
Bees, flies, wasps, and other pollinators are crucial for crops, landscapes, and natural areas. But they're under threat.



Greenhouse growers want more IPM methods for insect and disease pests of ornamental and vegetable crops.



Fire blight is a potentially lethal disease of apples. Now it's becoming resistant to standard controls.

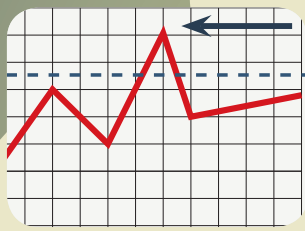
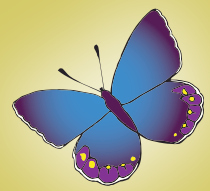


Hot and bothered! Flies hassling cows means less milk. But often sprays don't work.



Goose droppings on playfields are slick and unsanitary. Athletes can get hurt.

Considerations



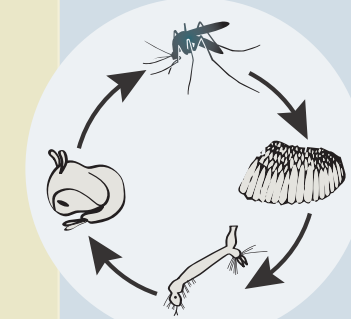
Thresholds



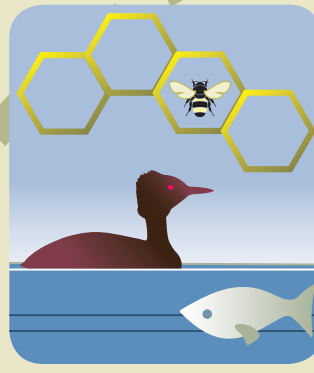
Identification



Monitoring:
How many?



Biology: How
does it live?

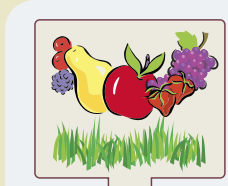


EIQ: Environmental
Impact Quotient



Weather Monitoring
and Pest Forecasting

Blossom Blight Forecast				
Date	10	11	12	13
Risk	High	High	High	Caution

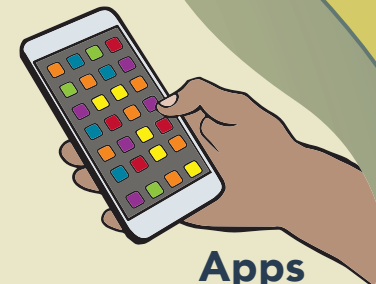


REPORT	
Apples	<input type="checkbox"/>
Grapes	<input checked="" type="checkbox"/>
Cherries	<input type="checkbox"/>
Pears	<input checked="" type="checkbox"/>
Berries	<input checked="" type="checkbox"/>
Turfgrass	<input type="checkbox"/>

Trac Software



Interactive
Plant
Manager



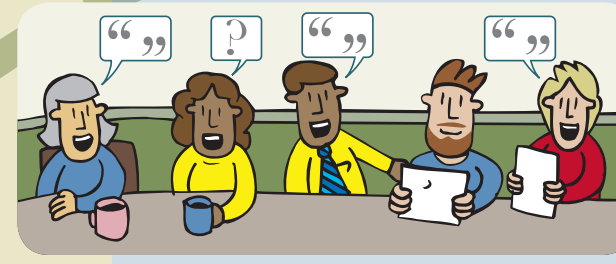
Apps



Local
Preferences



Laws and
Policy



Public Opinion

IPM BASICS

LOCAL

ENVIRONMENT

COMMUNITY

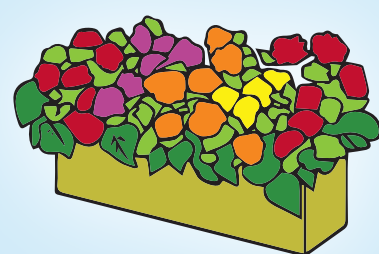
INTEGRATE

EXPERIENCE

Actions

- Survey pollinators at Bethpage State Park Golf Courses
- Recommend plantings for pollinator habitat on farms, golf courses, and back yards
- Keep pollinators happy and healthy with bee-friendly IPM practices

- Test biopesticides and biocontrols on greenhouse crops
- Share data with growers
- Growers track insect pests and biocontrols using our *Greenhouse Scout* app



IPM helps greenhouse vegetable and ornamental growers stay ahead in the pest management game.

- Improve NEWA's fire blight forecast tool
- Survey where fire blight is most prevalent
- Create IPM guidelines to manage resistance



Healthy orchards and delicious apples.

- Clean barns, hang sticky traps, release parasites
- Trap flies out of pastures
- Encourage dung beetles that outcompete horn and face flies



Happy cows. Lots of milk!

- Test remote-control trucks, drones, and other novel ways to deter geese
- Build a team with grounds managers, coaches and parents
- Choose best methods for the site—and make a plan



Athletes play safely on sports fields.

Outcome



Pollinators thrive in agricultural and community settings.